SEQUENCE LISTING

<110> Japan Tobacco Inc.

<120> METHOD FOR SCREENING GENOMIC DNA FRAGMENTS

<130> YCT-990

<160> 162

<210> 1
<211> 400
<212> DNA
<213> Oryza rufipogon

<220>
<223> A029B04 F: one terminus of DNA fragment A029B04.

<400> 1
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tcccccatgg cacagggcca gcgaggtcga tcaatcacta tgggagccat actattgtag 180
aagttctcaa tgagatattt gcaagcaatg tggcagaact ctctgtgcag atagtgaagg 240
tagctctgcc atgtacacag gagtgaggtg atgaaccagc accctgtgtt tttaacaact 300
agataaggtg tttggcttct attgtagagc tgcatggcat atatatattt agtagaagta 360
aacatgcagt acattttcag tacacaagca ttttttttctt 400

<210> 2
<211> 400
<212> DNA
<213> Oryza rufipogon

<220>
<223> A029B04 R: the other terminus of DNA fragment A029B04 to A029B04 F.

<400> 2
tcgagctaat taactagcca agtgtagggt tgggagacat ctggatatca cttctgacgt 60

tttcctatgt gtaaactact gagatttggt atggcagttt ctgtggcact tgcacaagga 120
ccagttttat tcctccttga actgtaatta accacctttt tcaccgacct tcctttcgag 180
tagctagaga catttctaca tgctcgaatt aattagttaa tgctaggaac tggatcccta 240
tttttgagtt acagaagttg ctagctactc tgttcttagt ttctcacgga gtgcagctag 300
ctagcttcga taaacagctc aaaaaacaga aatttagtcc tggcaaatgt atgtgccaaa 360
cttaatgcat gagaatatgt tttttttttct catgttactt 400

<210> 3
<211> 300
<212> DNA
<213> Oryza rufipogon

<220>
<223> A028C04 F: one terminus of DNA fragment A028C04.

<400> 3
tcgattaaga cagcaggacg gtggtcatgg aagtcgaaat ccgctaagga gtgtgtaaca 60
actcacctgc cgaatcaact agccccgaaa atggatggcg ctgaagcgcg cgacccacac 120
caggccatct gggcgagcgc catgccccga tgagtaggag ggcgcggcgg ccgccgcaaa 180
acccggggcg cgagcccggg cggagcggcc gtcggtgcag atcttggtgg tagtagcaaa 240
tattcaaaat agaactttga aggccgaaga ggagaaaggt tccatgtgaa cggcacttgc 300

<210> 4
<211> 400
<212> DNA
<213> Oryza rufipogon

<220>
<223> A028C04 R: the other terminus of DNA fragment A028C04 to A028C04 F.

<400> 4
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gggctccagc tatcctgagg gaaacttcgg agggaaccag ctactagatg gttcgattag 120
tctttcgccc ctatacccaa gtcagacgaa cgatttgcac gtcagtatcg cttcgagcct 180
ccaccagagt ttcctctggc ttcgccccgc tcaggcatag ttcaccatct ttcgggtccc 240
gacaggcgtg ctccaactcg aacccttcac agaagatcag ggtcggccag cggtgcggcc 300

cgtgagggcc tcccgctcgt cagcttcctt gcgcatccca ggtttcagaa cccgtcgact 360
cgcacgcatg tcagactcct tggtccgtgt ttcaagacgg 400

<210> 5
<211> 400
<212> DNA
<213> Oryza rufipogon

<220>
<223> A048F12 F: one terminus of DNA fragment A048F12.

<400> 5
tcgatgtagt cctcctcgag gccgaggctg acagagatgg cgccgagaag ccggagcccc 60
agttgccgga cttctcggca gtacgtgctc ataatctctc tgcatgccag gaaaaagtgc 120
aacggaaaat taagcgtcca cgccttaatt ttggcgtttt actgaaacta gttgctgtcc 180
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taggagaccg atgaagaatc ggtccccttc tttttgcgag gtcaagggtg cggtttacct 300
tttccacgat ttgtctcgag taaaaatctc gcaagttcat gcatgtctct ggtagggtga 360
ttagtcttct acgtgattga actgtattgc tcggttgttg 400

<210> 6
<211> 400
<212> DNA
<213> Oryza rufipogon

<220>
<223> A048F12 R: the other terminus of DNA fragment A048F12 to A048F12 F.

<400> 6
tcgagtggtc ggcgtccccc ggccgggctc catacggctg gccacgggcg acggcactga 60
gctgcctaac ccgtggaaca tcgaacacct tcgtcgcttc tacccctgag gggggggtcg 120
ggtgtcaggt ttcgggctcg ggccaacccc gcacccccctc gggcgtgcag ggttggccgg 180
gggctgccac acatgcacat tcttatttct cttatttcag tatttcaata aaagcagttt 240
caatttccta aaggctgtat ctgtgctgtt gtttcttttg aagaatcttg acttgaaata 300
ggtcactcgt gctcaatcct gccctcgggg gctcgggtcg gctaaaatcg ccaaacgggg 360
cccagaaccg agccgtgccc cggggcatgg tgaactccgg 400

<210> 7
<211> 400
<212> DNA
<213> Oryza rufipogon

<220>
<223> A049A01 F: one terminus of DNA fragment A049A01.

<400> 7
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cgtagtgggc tccaataagt ggggcttcca ggcccatctt gctggggccc aatagtaccg 120
aaaacgaaag tagcaccaag cttccatgca cgacgacaga aacgagcgat gacattgttg 180
tttctttggg aagaaggaca acacaaccga tccgttagct tgtccatttc gaccctaagt 240
ggtgcaaaat gattggagaa ttagtcacca aaataaataa ttgtactagt tctaagttct 300
gataacacaa ctagtgacca accatgacta gttctttaga gatgggtttc agattttcag 360
tacagagccg acgcaagttc agtgttcaga tgcgccaaat 400

<210> 8
<211> 400
<212> DNA
<213> Oryza rufipogon

<220>
<223> A049A01 R: the other terminus of DNA fragment A049A01 to A049A01 F.

<400> 8
tcgagtgcca tcctcttctc aatgagagta accattgaaa ttctaacatc tattccatca 60
taaattcttg tttggagcag ctgttttggt cttgacaatt aaaacgcgtg ttaagaaaaa 120
caccgctctt tctattacaa tattttgctg tgggatttcc ctgattaata ccatatgaac 180
ttttatctta catattgcat tgtcttcatc gccaaaagtg agtgactttc agttttcttt 240
ttctatatat gcagcacaga tgattttgtt ttagaacgat atgatacaga gataacaacc 300
gaatcaaccc catttgctat tgcacttgca aaacatttgc actctgttgg cgctaagatg 360
tatggagcat tctggtgttc tcattgtaac gaacaaaaac 400

<210> 9

<211> 400
<212> DNA
<213> Oryza rufipogon

<220>
<223> A046A06 F: one terminus of DNA fragment A046A06.

<400> 9
tcgaactacc gagctccccc taatcatttc gtcttccaag aagacgacgt gtctcgtttc 60
tacaaacttt gtataattgt ttggataata gaaacgataa ccttttgatc tttcaggata 120
gcgaataaaa tggcagctga ctattttggg atccaatttc caaggtttgg gttaaatatt 180
ttagcctcta caggactccc ccacacatgg aggtgagcta gcgagggtac tcttcccgtc 240
catagctcat acagtgtttg ggcaccgatt tgcttggaac tctgttgagg atatgaatgg 300
cggtttttaa tgtctctatc cataaaccca atggtagagt ggagtagctc atcatgctgc 360
gcaccatatc cataagggta cggttacgcc tttcagctac 400

<210> 10
<211> 400
<212> DNA
<213> Oryza rufipogon

<220>
<223> A046A06 R: the other terminus of DNA fragment A046A06 to A046A06 F.

<400> 10
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caggaccact ctttcataac ttggttgaca actagctgtg aatcgcctcg aactattaga 120
cgctttatcc ctagagaaat tgcgatccgc agtccatgga ggagcgcctc gtactcggcg 180
acgttgtgag acgccgaaaa atgtatccaa agcacatagc ttaatctttc tccagtcggg 240
gaaattaaaa ccactcctgc tccagtgccc gaaagtcgct tcgacccgtc gaaatgcata 300
gtccagtgct caatcttctc cgcgggggta tcctcctggc actcggtcca ttcggcgaca 360
aaatcagcta acgcttggga cttgattgaa gttcggggtt 400

<210> 11
<211> 400
<212> DNA

<213> Oryza rufipogon

<220>
<223> A045B09 F: one terminus of DNA fragment A045B09.

<400> 11
tcgacgacga cgcggcgaag ccgaaggagg cggcaccgag aggggaggaa gtccggagcg 60
acggcggcgg cgaaccggag ctcgtcggcg acggcggaga gagaggaaga cgacgcgagc 120
gcgattccga cggtgagagc gagcggcgaa cggcggaaac ggaggagaga ggcgcgaggg 180
acgcttaaat agcgacggga gggggagaga gcggccggag agggagaaat cggccgcgga 240
aatctcggcc gccattgatt gcgccggcga ggaatgcggg agagaatccg gacgcatccg 300
agggagagag agaggggga aagcggggga aacgggagag ggaatcgcgg ggaatgattc 360
ccccttcatt atggcgcgcg gggacggcgg gatgcggcgg 400

<210> 12
<211> 400
<212> DNA
<213> Oryza rufipogon

<220>
<223> A045B09 R: the other terminus of DNA fragment A045B09 to A045B09 F.

<400> 12
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ttcttttgtt ttccgctgca tttctgtaag acttttatga tgtttgtaag acgtggatct 120
gaatgtcaac atagtcgttt gtgtaccccg gccggtcctg gacgggggtt ttaatgcaca 180
ttctgcttgg aatcctattc gggaatttct gggcgtgaca gcggctgaca gccgggcccc 240
acgcggcagc cgctcggtgc gcccgaaggc ggccacggcg gcgcggccgg cgggaggcgg 300
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agaggggagg gaaaggggga aacgaagcgg cggtccacgg 400

<210> 13
<211> 400
<212> DNA
<213> Oryza rufipogon

<220>
<223> A049A07 F: one terminus of DNA fragment A049A07.

<400> 13
tcgagcagtc cgccggcagc cgacgggttc ggggccggga cccccgagcc cagccctcag 60
agccaatcct tttcccgaag ttacggatcc gttttgccga cttcccttgc ctacattgtt 120
ccattggcca gaggctgttc accttggaga cctgatgcgg ttatgagtac gaccgggcgt 180
ggacggtact cggtcctccg gattttcaag ggccgccggg ggcgcaccgg acaccgcgcg 240
acgtgcggtg ctcttccggc cgctggaccc tacctccggc tgaaccgttt ccagggttgg 300
cgggccgtta agcagaaaag ataactcttc ccgaggcccc cgccggcgtc tccggacttc 360
ctaacgtcgc cgtcaaccgc cacgtcccgg ctcgggaaat 400

<210> 14
<211> 400
<212> DNA
<213> Oryza rufipogon

<220>
<223> A049A07 R: the other terminus of DNA fragment A049A07 to A049A07 F.

<400> 14
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cgagttctat cgggtaaagc caatgattag aggcatcggg ggcgcaacgc cctcgaccta 120
ttctcaaact ttaaataggt aggacggcgc ggctgctccg gtgagccgcg ccacggaatc 180
gggagctcca agtgggccat ttttggtaag cagaactggc gatgcgggat gaaccggaag 240
cctggttacg gtgccgaact gcgcgctaac ctagaaccca caaagggtgt tggtcgatta 300
agacagcagg acggtggtca tggaagtcga aatccgctaa ggagtgtgta acaactcacc 360
tgccgaatca actagccccg aaaatggatg gcgctgaagc 400

<210> 15
<211> 400
<212> DNA
<213> Oryza rufipogon

<220>
<223> A040D06 F: one terminus of DNA fragment A040D06.

<400> 15
tcgacgggtt ctgaaacctg ggatgcgcaa ggaagctgac gagcgggagg ccctcacggg 60
ccgcaccgct ggccgaccct gatcttctgt gaagggttcg agttggagca cgcctgtcgg 120
gacccgaaag atggtgaact atgcctgagc ggggcgaagc cagaggaaac tctggtggag 180
gctcgaagcg atactgacgt gcaaatcgtt cgtctgactt gggtataggg gcgaaagact 240
aatcgaacca tctagtagct ggttccctcc gaagtttccc tcaggatagc tggagcccat 300
tacgagttct atcgggtaaa gccaatgatt agaggcatcg ggggcgcaac gccctcgacc 360
tattctcaaa ctttaaatag gtaggacggc gcggctgctc 400

<210> 16
<211> 400
<212> DNA
<213> Oryza rufipogon

<220>
<223> A040D06 R: the other terminus of DNA fragment A040D06 to A040D06 F.

<400> 16
tcgagccccc aactttcgtt cttgattaat gaaaacatcc ttggcaaatg ctttcgcagt 60
tgttcgtctt tcataaatcc aagaatttca cctctgacta tgaaatacga atgcccccga 120
ctgtccctat taatcattac tccgatcccg aaggccaaca caataggacc ggaatcctat 180
gatgttatcc catgctaatg tatccagagc gatggcttgc tttgagcact ctaatttctt 240
caaagtaacg gcgccggagg cacgacccgg ccagttaagg ccaggagcgc atcgccggca 300
gaagggtcga gcaggtcggt gctcgccgtg aggcggaccg gccggcccgg cccaaggtcc 360
aactacgagc tttttaactg caacaactta aatatacgct 400

<210> 17
<211> 400
<212> DNA
<213> Oryza rufipogon

<220>
<223> A036A03 F: one terminus of DNA fragment A036A03.

<400> 17

tcgaaaatga ccgtcaacaa aacccccaa gcttgaacct ttgctcatcc cgagtgaagg 60
acgaaaggaa acaaagactt ggatgttgat cagaagttgc tactatgctg catatctcaa 120
agatacaggt gcaaggcata tgtactctct cttagattaa ataatctttg gcatggtggc 180
ttatccttac ccctgattct catgagacac tacttctcct tgccttgggc ggttgaaaga 240
cagaacaaca attagagcac caatcacccg atctttattc aattcttatt ctggaagttt 300
ttcaaatgat tttgcaaaga aaaccaagtt cctcaaatga ttcactcagt ctctctaagt 360
gtatcatttc gaattcctca ccaaatgatg ccttttttgat 400

<210> 18
<211> 400
<212> DNA
<213> Oryza rufipogon

<220>
<223> A036A03 R: the other terminus of DNA fragment A036A03 to A036A03 F.

<400> 18
tcgatgcatt gagcagaaag gaatattgta atcaagcaat tatccaagga tgcccacatg 60
aactgcaaaa ggaaatacaa caattaagat tggagtttac agaacccgga cttttggcaa 120
ctctagaggt aaaaccaaca cttctagatc aagtctgtga tgctcagaag gaagatgaag 180
aattagaaga aatttgacac ggagttcaaa aaagaattga aatggatttt acggaaaaca 240
atgatggagc tcttagattt aaaggacgtc tttgcatccc agacaggaaa gaaatcaagg 300
atttaatttt gcaagaagcc catcgctcac tcttttctat ccatcctgga agcaccaaga 360
tgtatcatga cctaaaagat acttttttggt ggaagaatat 400

<210> 19
<211> 400
<212> DNA
<213> Oryza rufipogon

<220>
<223> A051E08 F: one terminus of DNA fragment A051E08.

<400> 19
tcgatgaaga acgtagcgaa atgcgatacc tggtgtgaat tgcagaatcc cgtgaaccat 60
cgagtctttg aacgcaagtt gcgcccgagg ccatccggcc gagggcacgc ctgcctgggc 120

gtcacgccaa aagacgctcc acgcgccccc cctatccggg agggcgcggg gacgcggtgt 180
ctggcccccc gcgcctcgcg gcgcggtggg ccgaagctcg ggctgccggc gaagcgtgcc 240
gggcacagcg catggtggac agctcacgct ggctctaggc cgcagtgcac cccggcgcgc 300
ggccggcgcg atggcccctc aggacccaaa cgcaccgaga gcgaacgcct cggaccgcga 360
ccccaggtca ggcgggacta cccgctgagt ttaagcatat 400

<210> 20
<211> 400
<212> DNA
<213> Oryza rufipogon

<220>
<223> A051E08 R: the other terminus of DNA fragment A051E08 to A051E08 F.

<400> 20
tcgatgcgag agccgagata tccgttgccg agagtcgtgt ggatttagct cgtggtatcg 60
cgccgcgccg ccggacggcc agggccgacc gggccggcgc ggggcgtatc gctgtgttcc 120
ttgacgccgt cggcgccgtg ggttctgttg cggcccgggg gcctcggttg cctcgcgcgc 180
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gatccttccg caggttcacc tacggaaacc ttgttacgac ttctccttcc tctaaatgat 300
aaggttcaat ggacttctcg cgacgtcggg ggcggcgaac cgcccccgtc gccgcgatcc 360
gaacacttca ccggaccatt caatcggtag gagcgacggg 400

<210> 21
<211> 300
<212> DNA
<213> Oryza rufipogon

<220>
<223> A023D09 F: one terminus of DNA fragment A023D09.

<400> 21
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cggagcatca acgttaagta agatgagcag catccatcaa gaagaaggaa gcgtctcctc 120
cactgccgag tgacaccacg ctcttgtcct gtaccactat cgctacttaa tgcctaatcc 180
tcctcctgtc gtacaagtac cacgaaacag aatataaaca ataaagacaa gtttttttaa 240

aaaaaaattg tctgaagatt aattaagagt tagtgagatg acgcagagaa gagcatcaac 300

<210> 22
<211> 360
<212> DNA
<213> Oryza rufipogon

<220>
<223> A023D09 R: the other terminus of DNA fragment A023D09 to A023D09 F.

<400> 22
tcgaatgcca gttaaagtga tgccattcca gcgaatcaac tcttgcgatg gtagatgtgc 60
aattttctca ccagatttgg ctgatagcca ttagtctgct gtactattaa acctgctctg 120
atctagggtt ccagcccccc accacggccg cacagccatg gatgagcatc caagcagcca 180
cgcgcgagcg tgtgtggagg cggcccagac tgaagcaaat cagaaatctg gtgatggtaa 240
tggtgaaggc gagcacacca aaccaaaaac caaatcaaaa gctcaactga aacaaacgta 300
cgaatcatcc atccatcgcg cggtggtggc tcagatctca gcgtgggctc ggcgcagtag 360

<210> 23
<211> 300
<212> DNA
<213> Oryza rufipogon

<220>
<223> A030B02 F: one terminus of DNA fragment A030B02.

<400> 23
tcgaagcttc acagttgata acttgacatg gtcatcagca ctatacatgt catgttggga 60
gttagcagcc ttcaactagt accttattag gtgcctgaat aatcgaggtg gtataattca 120
ttcagacatg tgcccgttaa aacttctagg gaaacttaaa ttatggcctt tacattaaaa 180
aaactaaaat tattttctta aaaaaactta aattatggtt cagactctac aagaaacgcc 240
cataagtctt tcgactagct tcacaaggtg gtgggctaga caacctgggt tcgaaacctc 300

<210> 24
<211> 280
<212> DNA

<213> Oryza rufipogon

<220>
<223> A030B02 R: the other terminus of DNA fragment A030B02 to A030B02 F.

<400> 24
tcgaggtgaa ctatttttt tctttttta agttcgttat tcttttcttt actacggtaa 60
atttcagtaa atacaaggag tacatcaatt tttccgaaaa tttctatccc aattgtcggt 120
gacatgggac cgggagtatc atgactagag gcttgaggca gacacaatcg cccacgtggc 180
ctggcaccct cgggggacgt cgggcccgag ggtgatgtgt tcgccctcct cttagtctcc 240
ccgaggggt cggaccactc ccgcctcggc cccgagggcc 280

<210> 25
<211> 400
<212> DNA
<213> Oryza rufipogon

<220>
<223> A043F04 F: one terminus of DNA fragment A043F04.

<400> 25
tcgaccacct tctcagaagc aaaatgtaca aacagagggt gctgaagaag attcgagttt 60
ccattggcac aattcagatg gcagtccaca tgctgagctt gaagatagac atggatacag 120
acacaagagg gcatgctgca cgcgtattgc tggagctcgc gcctgacctc caggtggaga 180
gctttcctgg tatcctgcct gcaatctcct cactgctcag cacaaacaag ggggccacaa 240
acagtgaaag ctccagcaac ccaatcactg cagtggcgga cgcaacttta aaatatagat 300
gggacggaga acggagatgt tcactcgata agagcaatcg aacacaacac atatcgtatt 360
aatagtttat tcgtataagt gtctcaatct gttggatgtt 400

<210> 26
<211> 400
<212> DNA
<213> Oryza rufipogon

<220>
<223> A043F04 R: the other terminus of DNA fragment A043F04 to A043F04 F.

<400> 26
tcgatagcac cattgggact atactggaca taccaactaa gaccaaggat aggctgaaat 60
cacgtaagga cctcgtggat atgcaaataa ggaaagagta ccttccgcct gcttgctaca 120
ccttgacaag agaggacaaa attgcattgt gcaaatccct acatggggtg agagtgccta 180
ctgccttctc ctcaaacatt aagcgactag tgtcgatgaa ggatctgtcg ctttcaggct 240
acaattctca taactgtcat gtaatgctca cagtattcct tgccattgca actagagcag 300
tcgaacccac gtctgcagaa attagcacca tatacaatcc ttacatttat tcgaaatgca 360
gaataacata acatacaata ccctaaattt gttcgaatca 400

<210> 27
<211> 400
<212> DNA
<213> Oryza rufipogon

<220>
<223> A049E02 F: one terminus of DNA fragment A049E02.

<400> 27
tcgattaaga cagcaggacg gtggtcatgg aagtcgaaat ccgctaagga gtgtgtaaca 60
actcacctgc cgaatcaact agccccgaaa atggatggcg ctgaagcgcg cgacccacac 120
caggccatct gggcgagcgc catgccccga tgagtaggag ggcgcggcgg ccgccgcaaa 180
acccggggcg cgagcccggg cggagcggcc gtcggtgcag atcttggtgg tagtagcaaa 240
tattcaaatg agaactttga aggccgaaga ggagaaaggt tccatgtgaa cggcacttgc 300
acatgggtaa gccgatccta agggacgggg taaccccggc agagagcgcg accacgcgcg 360
tgccccgaaa gggaatcggg ttaagatttc ccgagccggg 400

<210> 28
<211> 400
<212> DNA
<213> Oryza rufipogon

<220>
<223> A049E02 R: the other terminus of DNA fragment A049E02 to A049E02 F.

<400> 28

tcgaccgaat cgggttttcg gtcggtcggc cggtgggtgg ctgcacgagc cagcccttcc 60
caactcgcgc acggttgccg gtcggtcggc ccggcgcccg aacgtggacc gaaccgggtg 120
ccgtgcgcgt ggcagcccgg ccatcccttc ccccctacta tagtcgtggg ccatagccag 180
ccccacgcac ccctagcgtc agcccttca cagctcgcac acagttttcg gccggtcgcc 240
cggcggaccg aacgtcgacc gaatcgggtt ttcggtcggt cggccggtgg gtggctgcac 300
gagccagccc ttcccaactc gcgcacggtt gccggtcggt cggcccggcg cccgaacgtg 360
gaccgaaccg ggtgccgtgc gcgtggcagc ccggccatcc 400

<210> 29
<211> 500
<212> DNA
<213> Oryza rufipogon

<220>
<223> A010C09 F: one terminus of DNA fragment A010C09.

<400> 29
tcgaccgaat cgggttttcg gtcggtcggc caggngggtg gctgcacgag ccagcccttc 60
ccaactcgcg cacggttgcc ggtcggtcgg cccggcgccc gaacgtggac cgaaccgggt 120
gccgtgcgcg tggcagcccg gccatccctt ccccccctact atagtctggg gccatagcca 180
gcccaacgca cccctagcgt ccagcccttc acagctcgca cacagttttc ggccggtcgt 240
ccggcggacc gaacgtcgac cgaatcgggt tttcggccgg tcggtggctg cacgagccag 300
cccttcccaa ctcgcgcacg gttgccggtc ggtcggcccg gcgaccgaac gtggaccgaa 360
ccgggtgccg tgcgcgtggc agcccggcca tcccttcccc cctactatag tcgtggggcc 420
atagccagcc caacgcaccc ctagcgtgca gcccttcaca gctcgcacac agttttcggt 480
cggncgancg gcggaccgaa 500

<210> 30
<211> 500
<212> DNA
<213> Oryza rufipogon

<220>
<223> A010C09 R: the other terminus of DNA fragment A010C09 to A010C09 F.

<400> 30

tcgatgtcgg ctcttcctat cattgtgaag cagaattcac caagtgttgg attgttcacc 60
caccaatagg gaacgtgagc tgggtttaga ccgtcgtgag acaggttagt tttaccctac 120
tgatgaccgt gccgcgatag taattcaacc tagtacgaga ggaaccgttg attcacacaa 180
ttggtcatcg cgcttggttg aaaagccagt ggcgcgaagc taccgtgtgc cggattatga 240
ctgaacgcct ctaagtcaga atccaagcta gcaagcggcg cctgcgcccg ccgcccgccc 300
cgacccacgt taggggcgca agcccccaag ggcccgtgcc accggccaag ccggcccggc 360
cgacgcgccg cggccggccg cctcgaagct cccttcccaa cgggcggcgg gctgaatcct 420
ttgcagacga cttaaatacg cgacggggca ttgtaagtgg cagagtggcc ttgctgccac 480
gatccactga gatccagccc 500

<210> 31
<211> 500
<212> DNA
<213> Oryza rufipogon

<220>
<223> A011C02 F: one terminus of DNA fragment A011C02.

<400> 31
tcgagttagg gatttgattg aagagtcaat catttagcca tgcactcaag tttcaagtta 60
gagatttgat tgaagagtca atcaatctct aacctgtggg ttaagtagat acatgcccta 120
taaatatcga tatatttaga aatacggtaa ttaccatatt ataagaaacg gtaatttcca 180
caagaatacg gtaaatacga aaatgatcgg tacaacagca aaaccatttc cgtttctgtt 240
tccatatttt ttaccatttc catatttttt ggtcgattat catttccata tagctcggcc 300
ggttaaaagt aaaaaacgaa cgccagtcgg ccgggaatta ccgttaccat tttcacctct 360
aagccaaacg atggtggcct tagcatccac agttcaactt ccatctcaaa gaaaaaagaa 420
aaaggattga agcttcatgc cgagtgaaac catgggatgc tgtagtaaca cagacgctaa 480
agatcgcagc attacaaatt 500

<210> 32
<211> 500
<212> DNA
<213> Oryza rufipogon

<220>
<223> A011C02 R: the other terminus of DNA fragment A011C02 to A011C02 F.

<400> 32

tcgaaggtgg tgtcaaatta tagccagcca atacatgaac aagttagaaa actgtcaaaa 60
cccaattcat caatagttga gatttgatgg tggtatattt tttttccttt tttctgatta 120
tgacctttta gggttgtaat cttgtaattt ttttctctgg aactttgcac ggttgttaaa 180
aaaaaacagt tgggactttt caagaaaaaa aaaacggccg gagcactgtc aaacgaactc 240
actaataggc ctcgcaatct tattgggctt ttcacgaaca aaggcccata aaatgtagcc 300
catttaggcc caaactgtac atcacccgtg attaaacggc ccagcccaaa catcataaca 360
ctggataggg tgcagacaag ggtcccaccc gtcagatccc gacacgtcat cattgccgat 420
ccgcttccag aagcagcggc aagtttccat ctccttcttc cccttggctt tttatcgctc 480
gatcaggtgg cagcgacaac 500

<210> 33
<211> 500
<212> DNA
<213> Oryza rufipogon

<220>
<223> A010B03 F: one terminus of DNA fragment A010B03.

<400> 33

tcgaacagcc gactcagaac tggtacggac aaggggaatc cgactgttta attaaaacaa 60
agcattgcga tggtcctcgc ggatgctgac gcaatgtgat ttctgcccag tgctctgaat 120
gtcaaagtga agaaattcaa ccaagcgcgg gtaaacggcg ggagtaacta tgactctctt 180
aaggtagcca aatgcctcgt catctaatta gtgacgcgca tgaatggatt aacgagattc 240
ccactgtccc tgtctactat ccagcgaaac cacagccaag ggaacgggct tggcggaatc 300
agcggggaaa gaagaccctg ttgagcttga ctctagtccg actttgtgaa atgacttgag 360
aggtgtagga taagtgggag ccctcgggcg caagtgaaat accactactt ttaacgttat 420
tttacttatt ccgtgagtcg gaagcggggc ctggcccctc cttttggctc taaggcccga 480
gtccctcggg ccgatccggg 500

<210> 34
<211> 500
<212> DNA
<213> Oryza rufipogon

<220>
<223> A010B03 R: the other terminus of DNA fragment A010B03 to A010B03 F.

<400> 34
tcgaaggatc aaaaagcaac gtcgctatga acgcttggct gccacaagcc agttatccct 60
gtggtaactt ttctgacacc tctagcttca aactccgaag gtctaaagga tcgataggcc 120
acgctttcac ggttcgtatt cgtactggaa atcagaatca aacgagcttt tacccttttg 180
ttccacacga gatttctgtt ctcgttgagc tcatcttagg acacctgcgt tatcttttaa 240
cagatgtgcc gccccagcca aactccccac ctgacaatgt cttccgcccg gatcggcccg 300
agggactcgg gccttagagc caaaaggagg ggccaggccc cgcttccgac tcacggaata 360
agtaaaataa cgttaaaagt agtggtattt cacttgcgcc cgagggctcc cacttatcct 420
acacctctca agtcatttca caaagtcgga ctagagtcaa gctcaacagg gtcttctttc 480
cccgctgatt ccgccaagcc 500

<210> 35
<211> 500
<212> DNA
<213> Oryza rufipogon

<220>
<223> A009F06 F: one terminus of DNA fragment A009F06.

<400> 35
tcgagtttga ttcggattcg tttttccccg aagtttcctt ctcgccgccg gtcgccgtgg 60
gcctccgtcg ccgcttgcta gccccttttat aaggatcccc ggtgtctcct ctacccgccg 120
ccaccctcgc cttcgcctct cgccgccgcc agagccctag cgccgtgcaa ccttgcgccg 180
ccgtcgccgc cgtcgctcca atcgtgcgcc gccgtcgctc cagccgtcgc cgtcgctcgg 240
gaagaccgtc atcgtggtcg ccgtcgcgtc gccgtcctcg tccgcccctt cgccgtcgcc 300
ggagatcgcc ggagcgtcat cgccgccgtc gacccgaaga gcttcgccgt ttcctcctcg 360
tcgccgtcac cgtccgttgc ctctccgccg tcgctttggt cgtcggtgag ttcgccgtgc 420
cgtccgctac ccgttggtgc cttccgtttg cgtcctcgcg ccgccgcccg agccgtccgc 480
tccgccgagc cgccgccgcc 500

<210> 36
<211> 500
<212> DNA

<213> Oryza rufipogon

<220>
<223> A009F06 R: the other terminus of DNA fragment A009F06 to A009F06 F.

<400> 36
tcgaatagcc gtgcccgcgg ttatgggcgg gtctaacaat gtctttcgtg attagtctca 60
cccttctcac catagtaaat gatgctataa ttggtaataa tttgattagc tcctggtttg 120
gaatggaata ttcctggttt ggagatagaa ctgtgcagcc gggatggttg ttcagattgg 180
ttgggcctat acaacagggg atgttgtata gcgttggatt aatactgctt aattaatatt 240
taactgtttt aaattctcaa atgtttgcta aatgctgctt ttgcaaatgg agccctatta 300
tgccatcctt tgttatcctg tgcacttgca tatttgctgc gtggcttgct gagtatgtca 360
tatactcacc ttgcaatcat tcattcagag gaagagttct tcagtgaagc tgatggtgtg 420
gaggattagg tgtagccttg gtcaagctgc ctgtggagtg gagccgtcta cgctgtttat 480
tttattttcc gctgcttaga 500

<210> 37
<211> 500
<212> DNA
<213> Oryza rufipogon

<220>
<223> A009E11 F: one terminus of DNA fragment A009E11.

<400> 37
tcgagttgga gcacgcctgt cgggacccga aagatggtga actatgcctg agcggggcga 60
agccagagga aactctggtg gaggctcgaa gcgatactga cgtgcaaatc gttcgtctga 120
cttgggtata ggggcgaaag actaatcgaa ccatctagta gctggttccc tccgaagttt 180
ccctcaggat agctggagcc cattacgagt tctatcgggt aaagccaatg attagaggca 240
tcgggggcgc aacgccctcg acctattctc aaactttaaa taggtaggac ggcgcggctg 300
ctccggtgag ccgcgccacg gaatcgggag ctccaagtgg gccatttttg gtaagcagaa 360
ctggcgatgc gggatgaacc ggaagcctgg ttacggtgcc gaactgcgcg ctaacctaga 420
acccacaaag ggtgttggtc gattaagaca gcaggacggt ggtcatggaa gtcgaaatcc 480
gctaaggagt gtgtaacaac 500

<210> 38

<211> 500
<212> DNA
<213> Oryza rufipogon

<220>
<223> A009E11 R: the other terminus of DNA fragment A009E11 to A009E11 F.

<400> 38
tcgaggcggc cggccgcggc gcgtcggccg ggccggcttg gccggtggca cgggcccttg 60
ggggcttgcg cccctaacgt gggtcggggc gggcggcggg cgcaggcgcc gcttgctagc 120
ttggattctg acttagaggc gttcagtcat aatccggcac acggtagctt cgcgccactg 180
gcttttcaac caagcgcgat gaccaattgt gtgaatcaac ggttcctctc gtactaggtt 240
gaattactat cgcggcacgg tcatcagtag ggtaaaacta acctgtctca cgacggtcta 300
aacccagctc acgttcccta ttggtgggtg aacaatccaa cacttggtga attctgcttc 360
acaatgatag gaagagccga catcgaagga tcaaaaagca acgtcgctat gaacgcttgg 420
ctgccacaag ccagttatcc ctgtggtaac ttttctgaca cctctagctt caaactccga 480
aggtctaaag gatcgatagg 500

<210> 39
<211> 400
<212> DNA
<213> Oryza rufipogon

<220>
<223> A008B02 F: one terminus of DNA fragment A008B02.

<400> 39
tcatatatta attctctctc tctaaaaata taaaaaaaag gagtctgcgc accgagatct 60
gccataaaag gtccaagcca taacaagtga gaagctatac ggctcaattc taacataatt 120
accctaatat agctggctct ttggggtatt tgaatattct ccaagaattc tggtgcattt 180
accgttattg cttctgtaaa catagtagct aaataatccc aacgtgttac ataaggtaag 240
tattgtataa tagttcggtt ttccgcgatt ttttccattc ctctgtgtaa atagcctaat 300
atgggttcac aatcaataac atcttcacca tcgagagtaa cgatcagtcg aagaacacca 360
tgcattgatg ggtgctgagg gcccatattg actatcatga 400

<210> 40

<211> 500
<212> DNA
<213> Oryza rufipogon

<220>
<223> A008B02 R: the other terminus of DNA fragment A008B02 to A008B02 F.

<400> 40
tcgaagacgc ggaatggtag tgaatagaga gaaagattct tctggttttc ttgttcctga 60
aaatattcta tctatctcct agacgccgta gagaattgag aattttcatg tctttcaatt 120
ctcgtactcg taattggaaa gttacggaag gagatccatc attttgcaat gaaaactaca 180
taaaaaactc tggacaattt cgaaatcagg ccaagcgtct taatacatat gcaaaaaaat 240
tcattattgg cccaccattg attagaagat ttaacttgta tgaatcgcta ttggtttgat 300
acgaataatg gcagttgttt cagtatgtta aggatacaga tgtatccaca attcatttag 360
agttacttaa tagcctattt cttataccat atctctatcc 400

<210> 41
<211> 400
<212> DNA
<213> Oryza rufipogon

<220>
<223> A083G04 F: one terminus of DNA fragment A083G04.

<400> 41
tcgatggtag gataggggcc taccatggtg gtgacgggtg acggagaatt agggttcgat 60
tccggagagg gagcctgaga aacggctacc acatccaagg aaggcagcag gcgcgcaaat 120
tacccaatcc tgacacgggg aggtagtgac aataaataac aataccgggc gctttagtgt 180
ctggtaattg gaatgagtac aatctaaatc ccttaacgag gatccattgg agggcaagtc 240
tggtgccagc agccgcggta attccagctc caatagcgta tatttaagtt gttgcagtta 300
aaaagctcgt agttggacct tgggccgggc cggccggtcc gcctcacggc gagcaccgac 360
ctgctcgacc cttctgccgg cgatgcgctc ctggccttaa 400

<210> 42
<211> 360
<212> DNA

<213> Oryza rufipogon

<220>
<223> A083G04 R: the other terminus of DNA fragment A083G04 to A083G04 F.

<400> 42
tcgagttatc atgaatcatc ggatcagcgg gcggagcccg cgtcagcctt ttatctaata 60
aatgcgcccc tcccggaagt cggggtttgt tgcacgtatt agctctagaa ttactacggt 120
tatccgagta gcacgtacca tcaaacaaac tataactgat ttaatgagcc attcgcagtt 180
tcacagttcg aattagttca tacttgcaca tgcatggctt aatctttgag acaagcatat 240
gactactggc aggatcaacc aggtagcacg tcctccgcga cgagcccgcg ccgtccgacg 300
cgcgtcgccg ccgcccccgg gtcgggagcg gcggacacgg cggcggccgg gcgggctgtc 360

<210> 43
<211> 400
<212> DNA
<213> Oryza rufipogon

<220>
<223> A088E02 F: one terminus of DNA fragment A088E02.

<400> 43
tcgagcctcc accagagttt cctctggctt cgccccgctc aggcatagtt caccatcttt 60
cgggtcccga caggcgtgct ccaactcgaa cccttcacag aagatcaggg tcggccagcg 120
gtgcggcccg tgagggcctc ccgctcgtca gcttccttgc gcatcccagg tttcagaacc 180
cgtcgactcg cacgcatgtc agactccttg gtccgtgttt caagacgggt cggatgggga 240
gcccgcaggc cgttgcagcg cagcgccccg aggggcgcgc cagaggcgcg cggtgaccgg 300
ctgcgccgac gacggctgcc gggggcgcgg agcccccggg ctttggccgc cggcgcggcc 360
gacaacggtc cacgccccga gccgatcggc ggaccagccg 400

<210> 44
<211> 400
<212> DNA
<213> Oryza rufipogon

<220>

<223> A088E02 R: the other terminus of DNA fragment A088E02 to A088E02 F.

<400> 44
tccaggcgtg gagcctgcgg cttaatttga ctcaacacgg ggaaacttac caggtccaga 60
catagcaagg attgacagac tgagagctct ttcttgattc tatgggtggt ggtgcatggc 120
cgttcttagt tggtggagcg atttgtctgg ttaattccgt taacgaacga gacctcagcc 180
tactaactag ctatgcggag ccatccctcc gcagctagct tcttagaggg actatggccg 240
tttaggccac ggaagtttga ggcaataaca ggtctgtgat gcccttagat gttctgggcc 300
gcacgcgcgc tacactgatg tattcaacga gtatatagcc ttggccgaca ggcccgggta 360
atcttgggaa atttcatcgt gatggggata gatcattgca 400

<210> 45
<211> 400
<212> DNA
<213> Oryza rufipogon

<220>
<223> A089F12 F: one terminus of DNA fragment A089F12.

<400> 45
tcgagcagtc cgccggcagc cgacgggttc ggggccggga cccccgagcc cagccctcag 60
agccaatcct tttcccgaag ttacggatcc gttttgccga cttcccttgc ctacattgtt 120
ccattggcca gaggctgttc accttggaga cctgatgcgg ttatgagtac gaccgggcgt 180
ggacggtact cggtcctccg gattttcaag ggccgccggg ggcgcaccgg acaccgcgcg 240
acgtgcggtg ctcttccggc cgctggaccc tacctccggc tgaaccgttt ccagggttgg 300
cgggccgtta agcagaaaag ataactcttc ccgaggcccc cgccggcgtc tccggacttc 360
ctaacgtcgc cgtcaaccgc cacgtcccgg ctcgggaaat 400

<210> 46
<211> 360
<212> DNA
<213> Oryza rufipogon

<220>
<223> A089F12 R: the other terminus of DNA fragment A089F12 to A089F12 F.

<400> 46
tcgaacagcc gactcagaac tggtacggac aaggggaatc cgactgttta attaaaacaa 60
agcattgcga tggtcctcgc ggatgctgac gcaatgtgat ttctgcccag tgctctgaat 120
gtcaaagtga agaaattcaa ccaagcgcgg gtaaacggcg ggagtaacta tgactctctt 180
aaggtagcca aatgcctcgt catctaatta gtgacgcgca tgaatggatt aacgagattc 240
ccactgtccc tgtctactat ccagcgaaac cacagccaag ggaacgggct tggcggaatc 300
agcggggaaa gaagaccctg ttgagcttga ctctagtccg actttgtgaa atgacttgag 360

<210> 47
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> forward primer for amplifying DNA fragment A029B04 F.

<400> 47
tcgaatttga ccatgagata caga 24

<210> 48
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> reverse primer for amplifying DNA fragment A029B04 F.

<400> 48
aagaaaaaaa tgcttgtgta ctga 24

<210> 49
<211> 24
<212> DNA
<213> artificial sequence

<220>

<223> forward primer for amplifying DNA fragment A029B04 R.

<400> 49
tcgagctaat taactagcca agtg 24

<210> 50
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> reverse primer for amplifying DNA fragment A029B04 R.

<400> 50
aagtaacatg agaaaaaaaa acat 24

<210> 51
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> forward primer for amplifying DNA fragment A028C04 F.

<400> 51
tcgattaaga cagcaggacg gtgg 24

<210> 52
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> reverse primer for amplifying DNA fragment A028C04 F.

<400> 52

gcaagtgccg ttcacatgga acct 24

<210> 53
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> forward primer for amplifying DNA fragment A028C04 R.

<400> 53
tcgagggcgt tgcgcccccg atgc 24

<210> 54
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> reverse primer for amplifying DNA fragment A028C04 R.

<400> 54
ccgtcttgaa acacggacca agga 24

<210> 55
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> forward primer for amplifying DNA fragment A048F12 F.

<400> 55
tcgatgtagt cctcctcgag gccg 24

<210> 56

<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> reverse primer for amplifying DNA fragment A048F12 F.

<400> 56
caacaaccga gcaatacagt tcaa 24

<210> 57
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> forward primer for amplifying DNA fragment A048F12 R.

<400> 57
tcgagtggtc ggcgtccccc ggcc 24

<210> 58
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> reverse primer for amplifying DNA fragment A048F12 R.

<400> 58
ccggagttca ccatgccccg gggc 24

<210> 59
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> forward primer for amplifying DNA fragment A049A01 F.

<400> 59
tcgaactaac gctaacaacg tgca 24

<210> 60
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> reverse primer for amplifying DNA fragment A049A01 F.

<400> 60
atttggcgca tctgaacact gaac 24

<210> 61
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> forward primer for amplifying DNA fragment A049A01 R.

<400> 61
tcgagtgcca tcctcttctc aatg 24

<210> 62
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> reverse primer for amplifying DNA fragment A049A01 R.

<400> 62
gtttttgttc gttacaatga gaac 24

<210> 63
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> forward primer for amplifying DNA fragment A046A06 F.

<400> 63
tcgaactacc gagctccccc taat 24

<210> 64
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> reverse primer for amplifying DNA fragment A046A06 F.

<400> 64
gtagctgaaa ggcgtaaccg tacc 24

<210> 65
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> forward primer for amplifying DNA fragment A046A06 R.

<400> 65
tcgaacttgt cttccaattt gcgt 24

<210> 66
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> reverse primer for amplifying DNA fragment A046A06 R.

<400> 66
aaccccgaac ttcaatcaag tccc 24

<210> 67
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> forward primer for amplifying DNA fragment A045B09 F.

<400> 67
tcgacgacga cgcggcgaag ccga 24

<210> 68
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> reverse primer for amplifying DNA fragment A045B09 F.

<400> 68
ccgccgcatc ccgccgtccc cgcg 24

<210> 69
<211> 24

<212> DNA
<213> artificial sequence

<220>
<223> forward primer for amplifying DNA fragment A045B09 R.

<400> 69
tcgaggatgc ctgtggagtg gtgt 24

<210> 70
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> reverse primer for amplifying DNA fragment A045B09 R.

<400> 70
ccgtggaccg ccgcttcgtt tccc 24

<210> 71
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> forward primer for amplifying DNA fragment A049A07 F.

<400> 71
tcgagcagtc cgccggcagc cgac 24

<210> 72
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> reverse primer for amplifying DNA fragment A049A07 F.

<400> 72
atttcccgag ccgggacgtg gcgg 24

<210> 73
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> forward primer for amplifying DNA fragment A049A07 R.

<400> 73
tcgaaccatc tagtagctgg ttcc 24

<210> 74
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> reverse primer for amplifying DNA fragment A049A07 R.

<400> 74
gcttcagcgc catccatttt cggg 24

<210> 75
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> forward primer for amplifying DNA fragment A040D06 F.

<400> 75
tcgacgggtt ctgaaacctg ggat 24

<210> 76
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> reverse primer for amplifying DNA fragment A040D06 F.

<400> 76
gagcagccgc gccgtcctac ctat 24

<210> 77
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> forward primer for amplifying DNA fragment A040D06 R.

<400> 77
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<220>
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<400> 78
agcgtatatt taagttgttg cagt 24

<210> 79
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<220>
<223> forward primer for amplifying DNA fragment A036A03 F.

<400> 79
tcgaaaatga ccgtcaacaa aacc 24

<210> 80
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<212> DNA
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<220>
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atcaaaaagg catcatttgg tgag 24

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tcgatgcatt gagcagaaag gaat 24

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atattcttcc accaaaaagt atct 24

<210> 83
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tcgatgaaga acgtagcgaa atgc 24

<210> 84
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<210> 90
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<210> 92
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<212> DNA
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<220>
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<210> 93
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<210> 95
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<220>
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<210> 96
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aacatccaac agattgagac act 24

<210> 97
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<210> 98
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<220>
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<210> 99
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<220>
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<210> 100
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<220>
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<210> 103
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<220>
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<400> 103
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<220>
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<210> 107
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<210> 114
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<400> 114
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<210> 115

<211> 20
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<400> 115
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<210> 116
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<220>
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<400> 116
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<210> 117
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<220>
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<400> 117
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<210> 118
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<400> 118
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<210> 119
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<220>
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<210> 120
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<220>
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<400> 120
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<210> 121
<211> 20
<212> DNA
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<220>
<223> forward primer for amplifying DNA fragment A009E11 R.

<400> 121
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<210> 122
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<220>
<223> reverse primer for amplifying DNA fragment A009E11 R.

<400> 122
cctatcgatc ctttagacct 20

<210> 123
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<212> DNA
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<220>
<223> forward primer for amplifying DNA fragment A008B02 F.

<400> 123
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<210> 124
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<212> DNA
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<220>
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<400> 124
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<210> 125
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<212> DNA
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<220>
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<400> 125
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<210> 126
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<212> DNA
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<220>
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<400> 126
ggatagagat atggtataag aaat 24

<210> 127
<211> 24
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<220>
<223> forward primer for amplifying DNA fragment A083G04 F.

<400> 127
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<210> 128
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<212> DNA
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<220>
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<400> 128
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<210> 129
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<220>
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<400> 129
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<210> 130
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<400> 130
gacagcccgc ccggccgccg ccgt 24

<210> 131
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<220>
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<400> 131
tcgagcctcc accagagttt cctc 24

<210> 132
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<220>
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<400> 132
cggctggtcc gccgatcggc tcgg 24

<210> 133
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<220>
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<400> 133
tccaggcgtg gagcctgcgg ctta 24

<210> 134
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<220>
<223> reverse primer for amplifying DNA fragment A088E02 R.

<400> 134
tgcaatgatc tatccccatc acga 24

<210> 135
<211> 24
<212> DNA
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<220>
<223> forward primer for amplifying DNA fragment A089F12 F.

<400> 135
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<210> 136
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<212> DNA
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<220>
<223> reverse primer for amplifying DNA fragment A089F12 F.

<400> 136
atttcccgag ccgggacgtg gcgg 24

<210> 137
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> forward primer for amplifying DNA fragment A089F12 R.

<400> 137
tcgaacagcc gactcagaac tggt 24

<210> 138
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<212> DNA
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<220>
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<400> 138
ctcaagtcat ttcacaaagt cgga 24

<210> 139
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<212> DNA
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<220>
<223> vector region primer used in PCR1

<400> 140
ctgaaggcgg aaacgacaat tg 22

<210> 140
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<220>
<223> vector region primer used in PCR3

<400> 140
aactgcactt aaacaagtgt ac 24

<210> 141
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<212> DNA

<213> artificial sequence

<220>
<223> primer specific to the genome DNA fragment AS4 used in PCR1

<400> 141
gattccgacc tctacacgaa caac 24

<210> 142
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> primer specific to the genome DNA fragment AS8 used in PCR1

<400> 142
agaaacccta gccgtcactt ccct 24

<210> 143
<211> 24
<212> DNA
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<220>
<223> primer specific to the genome DNA fragment AS19 used in PCR1

<400> 143
tcaagtcatt tcacaaagtc ggac 24

<210> 144
<211> 24
<212> DNA
<213> artificial sequence

<220>

<223> primer specific to the genome DNA fragment AS20 used in PCR1

<400> 144
gcttagaggt gaaaatggta acgg 24

<210> 145
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> primer specific to the genome DNA fragment AS22 used in PCR1

<400> 145
ttctgtcctt gttcgatttg tcag 24

<210> 146
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> primer specific to the genome DNA fragment AS27 used in PCR1

<400> 146
ccggattcac cgtggtacga aagg 24

<210> 147
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<212> DNA
<213> artificial sequence

<220>
<223> primer specific to the genome DNA fragment AS28 used in PCR1

<400> 147

ttccaattac cagacactaa agcg 24

<210> 148
<211> 24
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<220>
<223> primer specific to the genome DNA fragment AS30 used in PCR1

<400> 148
tggcaccaga cttgccctcc aatg 24

<210> 149
<211> 24
<212> DNA
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<220>
<223> primer specific to the genome DNA fragment AS4 used in PCR3

<400> 149
gtacggcctg ggtcactcac tgtc 24

<210> 150
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> primer specific to the genome DNA fragment AS8 used in PCR3

<400> 150
tcatcatcct gttatctaga ctcc 24

<210> 151

<211> 24
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<220>
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<400> 151
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<210> 152
<211> 24
<212> DNA
<213> artificial sequence

<220>
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<400> 152
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<210> 153
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> primer specific to the genome DNA fragment AS22 used in PCR3

<400> 153
aactcatctt taatcccagt ttgc 24

<210> 154
<211> 24
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<220>
<223> primer specific to the genome DNA fragment AS27 used in PCR3

<400> 154
taacgccata aacaagtgtc actc 24

<210> 155
<211> 24
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<220>
<223> primer specific to the genome DNA fragment AS28 used in PCR3

<400> 155
gaactgtgaa actgcgaatg gctc 24

<210> 156
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<220>
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<400> 156
aaatccacac gactctcggc aacg 24

<210> 157
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> primer specific to the central portion of the genome DNA fragment AS4 used in PCR2

<400> 157
tgggctccag cagaaacgaa ccct 24

<210> 158
<211> 24
<212> DNA
<213> artificial sequence

<220>
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cttatattta ggaacggagt gagt 24

<210> 159
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<220>
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<400> 159
aagcgaaggc acccttcac at 22

<210> 160
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<212> DNA
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<220>
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<400> 160
acgaggagcc cgacaaggag ac 22

<210> 161
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> primer specific to the central portion of the genome DNA fragment AS22 used in PCR2

<400> 161
tgaaatacca ctcatgaact tccg 24

<210> 162
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<220>
<223> > primer specific to the central portion of the genome DNA fragment AS22 used in PCR2 (reverse)

<400> 162
attatctgtt gtgtccgaaa tgtg 24